

Canadian-Australian Royal Mail Line

Steamers running in connection with the Canadian-Pacific Railway Co. from Honolulu on or about the following dates:

FOR FIJI AND AUSTRALIA.	FOR VANCOUVER.
1904	1904
ORANGI FEBRUARY 12	MIOWERA FEBRUARY 17
MIOWERA MARCH 12	MOANA MARCH 16
ORANGI APRIL 9	AORANGI APRIL 6

Through tickets issued to all points in Canada, United States and Europe.

THEO. H. DAVIES & CO., LTD.
GENERAL AGENTS.

Pacific Mail S. S. Co., Occidental & Oriental S. S. Co.

Steamers of the above companies will call at Honolulu and leave this port on or about the dates below mentioned:

FROM SAN FRANCISCO.	FOR SAN FRANCISCO.
MAELIC FEBRUARY 17	DORIC FEBRUARY 19
MAELIC MARCH 4	SIBERIA MARCH 5
MAELIC MARCH 12	COPTIC MARCH 15
MAELIC MARCH 20	KOREA MARCH 31
MAELIC APRIL 7	GAELIC APRIL 9

For further information apply to
H. HACKFELD & COMPANY, LTD., AGENTS.

Oceanic Steamship Co. TIME TABLE

The fine passenger steamers of this line will arrive and leave this port as hereunder:

FROM SAN FRANCISCO.	FOR SAN FRANCISCO.
MAELIC FEBRUARY 17	SIERRA FEBRUARY 16
MAELIC FEBRUARY 26	ALAMEDA MARCH 2
MAELIC MARCH 5	SONOMA MARCH 8
MAELIC MARCH 18	ALAMEDA MARCH 23

In connection with the sailing of the above steamers, the agents are prepared to issue, to intending passengers, Coupon Through Tickets by any steamer, from San Francisco to all points in the United States, and from New York by any steamship line to all European ports.

For further particulars, apply to
WM. G. IRWIN & CO., LTD.

American-Hawaiian Steamship Company.

Direct Monthly Service Between New York and Honolulu via Pacific Coast.

THE SPLENDID NEW STEEL STEAMERS—

FROM NEW YORK.	And each month thereafter.
S. Californian, to sail about.....Feb. 10	Freight received at Company's wharf, Greenwich street.
S. Arizonan, to sail about.....March ..	
Freight received at all times at the Company's wharf, 41st street, South Brooklyn.	
FROM SAN FRANCISCO TO HONOLULU.	FROM HONOLULU TO SAN FRANCISCO VIA KAHULULU.
S. Nevada, to sail direct.....Feb. 13	S. S. Nevada, to sail.....Jan. 27
S. Nevada, to sail direct.....March 13	FROM SEATTLE AND TACOMA.
S. Nevada, to sail direct.....March 13	S. S. Texan, to sail about.....Feb. 25

H. HACKFELD & COMPANY, LTD., AGENTS.

C. P. MORSE, General Freight Agent.

Pacific Transfer Co.

Will call for your baggage.

We pack, haul and ship your goods and save you money.

Storage in Brick Warehouse, 126 King Street. Phone Main 58

THE PACIFIC Commercial Advertiser

Entered at the Post Office at Honolulu, T. H., as second class matter.

SUBSCRIPTION RATES:

Per Year.....\$12.00

Per Month.....6.00

Advertising rates on application.

Published every morning except Sunday by the

HAWAIIAN GAZETTE CO., LTD.,

1010 Block, No. 65 South King St.

A. W. PEARSON, Manager.

OAHU RAILWAY & LAND CO.

TIME TABLE

May 1st, 1903.

OUTWARD.

For Waianae, Waialua, Kahuku and

Way Stations—9:15 a. m., 3:20 p. m.

For Pearl City, Ewa Mill and Way

Stations—7:30 a. m., 9:15 a. m.,

3:05 a. m., 2:15 p. m., 3:20 p. m.,

3:15 p. m., 5:15 p. m., 19:30 p. m.,

19:15 p. m.

INWARD.

Arrive Honolulu from Kahuku, Waialua

and Waianae—8:36 a. m., 5:31

p. m.

Arrive Honolulu from Ewa Mill and

Pearl City—10:50 a. m., 7:46 a. m.,

8:36 a. m., 10:38 a. m., 2:05 p. m.,

3:31 p. m., 5:31 p. m., 7:40 p. m.

* Daily.

* Sunday Excepted.

* Sunday Only.

F. C. SMITH, G. P. & T. A.

TIDES, SUN AND MOON.

New moon on the 16th at 0:33 a. m.

Times of the tide are taken from the

United States Coast and Geodetic Sur-

vey tables.

The tides at Kahului and Hilo occur

about one hour earlier than at Honolulu.

Hawaiian standard time is 10 hours

30 minutes slower than Greenwich time,

that of the meridian of 157 degrees

30 minutes. The time whistle

blows at 1:30 p. m., which is the same

as Greenwich, 6 hours 0 minutes. Sun

and moon are for local time for the

whole group.



WEATHER BUREAU.

Honolulu, Alexander Street.

February 15, 10 p. m.

Mean Temperature—70.3

Minimum Temperature—65.

Maximum Temperature—73.

Barometer at 9 p. m.—29.96; steady.

Rainfall, 24 hours up to 9 a. m.—1.43.

Mean Absolute Moisture—7.9 grs. per

cu. ft.

Mean Relative Humidity—95.

Winds—Light southerly airs; force, 0.

Weather—Cloudy and rainy.

Forecast for Feb. 16—Light, variable

winds, unsettled weather.

R. C. LYDECKER,

Territorial Meteorologist.

MOANA WAS THE BIGGEST CONTRACT

The Victoria Daily Times of January

30, says:

In the undertaking just completed

on the R. M. S. S. Moana in Esquimaux,

Victoria mechanics have turned out

the biggest contract of the kind ever

handled in this port. Indeed, it is

stated by those who know that no

similar job of importance has ever

been attempted on the Pacific Coast.

The contract was carried out by the

British Columbia Marine Railway Co.,

and considering the difficulties encoun-

tered was executed in remarkably

short time. The Moana was floated

free of the cofferdam at 11 o'clock

yesterday morning, and after calling

at the outer wharf at once proceeded

to Vancouver to load for her outward

voyage.

The damage to the ship, received last

month off William Head, was very

extensive, and, as will be remembered,

the dry dock could not be secured at

the time, owing to H. M. S. Flora hav-

ing priority in the matter of its use.

A cofferdam was therefore planned and

built by the company. This work oc-

cupied just eight days. Men were en-

gaged night and day in the building of

it, the dimensions of the structure

being 45 by 24 feet. Sixty thousand

feet of lumber was used in its construction.

The cofferdam was strongly

bolts, riveted and caulked, and seven

tons of iron was used in the fastenings.

The chief damage to the Moana was

a broken stern post and rudder post

badly bent and twisted. This necessi-

tated a new steel forging, weighing

over five tons, which had to be scarp-

ed and riveted into place, the scarps be-

ing perfect. The rudder was unship-

ped, stripped, straightened and re-

placed with new pintles. The gudgeons on

the rudder post were rebored and bush-

ed with lignum vitae.

In addition to the above, the steering

gear, consisting of tiller, quadrant and

rack, was entirely disabled. A new

tiller, weighing about two and a half

tons, had to be forged, machined and

shrunk on the rudder stock. Minor

work in connection with all of the

above, details of which would be too

long to give, had to be undertaken.

All of these repairs were completed

most expeditiously, especially in view

of the unavoidable delays in connection

with forgings.

A splendid job has been turned out,

which reflects great credit on British

Columbia resources. The work has

given the utmost satisfaction to all in-

terested, and Mr. Bullen has received

numerous congratulations and deserv-

edly so. Owing to the enterprise of

the Messrs. Bullen in the designing and

construction of a cofferdam the repairs

were carried out here instead of in an

American dock, and the large amount

of money locally expended will no

doubt be appreciated by the public.

ARRIVED AT HONOLULU.

Monday, Feb. 15.

Stmr. Lehua, Naopala, from Molokai,

Mauli, and Lanai ports.

Stmr. Helene, Nelson, from Kailua,

Papaehaione, Oahu, Kailua,

Laupahoehoe and Hilo, at 10 a. m.

DEPARTED FROM HONOLULU.

Monday, Feb. 15.

Stmr. Lehua, Naopala, for Molokai

ports, at 5 p. m.

Stmr. Ke Au Hou, Tulett, for Kailua

ports, at 5 p. m.

Am. schr. Mary E. Foster, Thompson,

for Puget Sound, at 10 a. m.

Gas. schr. Eclipse, Gahan, for Ana-

hola, at 5 p. m.

Schr. Alice Cooke, for San Francisco,

at 2 p. m.

DUE TODAY.

S. S. Sierra, Houdlette, from Sydney,

Auckland, Pago Pago and Fanning Is-

land, early in morning.

S. S. Gaelic, from San Francisco, due

Wednesday, may arrive this evening.

SAILING TODAY.

S. S. Sierra, Houdlette, for San Fran-

cisco.

Stmr. Kinau, Freeman, for Hilo and

way ports, at noon.

Stmr. Mauna Loa, S. M. son, for Maui,

Kona and Kau ports, at noon.

Stmr. Claudine, Parker, for Maui

ports, at 5 p. m.

Stmr. W. G. Hall, Thompson, for Kai-

lual ports, at 5 p. m.

PASSENGERS.

Arrived.

Per stmr. Helene, Feb. 15, from Kai-

lual, Dr. C. B. Cooper, Jared G. Smith,

C. F. Garbreth, Rev. W. H. DuMoulin,

wife and infant, Mrs. Gray and daugh-

ter, Dr. W. B. Deas and two children,

Mrs. Hayashi and two children, Mrs.

Hingo and infant, Fred Goveia and

wife, Tom Goveia, wife and infant,

Manuel Goveia, wife and infant.

Dr. C. B. Cooper, president of the

Board of Health, returned from Ha-

wai in the steamer Helene.

The Woman's Guild of St. Clement's

church will meet at the parish house

at 3 o'clock this afternoon.

ENGINEERS HAVE A GOOD MEETING

At the meeting of the Honolulu En-

gineering Association, in Castle &

Cooke's hall last night, the paper by

A. C. Alexander on "Ether Waves"

took up so much time that E. Koepke's

promised paper on "The Fuel Question

in Sugar Boiling" was not reached.

Mr. Alexander's paper was a learned

production and evoked questions from

a number of members.

Next month's meeting will be the

semi-annual one, when officers for the

latter half of the year will be elected.

A committee was appointed to make

arrangements for the meeting, which

consists of Edward C. Brown, F. W.

Beardslee, T. H. Petrie, C. C. Perkins

and Henry Ginaca. As after the an-

nuual meeting a banquet is held, so af-

ter the semi-annual one a smoker will

be in order. There will be music and

refreshments.

VICTORIA STEAMERS NOW CRUISERS

The Victoria Daily Times says:

Captain Ona o, the Nippon Yusen

Kaisha liner Kaga Maru, who had

charge of the line since she was placed

on the British Columbia and Puget

Sound run, received notice at Yokoha-

ma that his services were immediately

required, and to relieve him of his du-

ties on the trans-Pacific liner, Captain

Parsons was summoned to take com-